



NITFS

Compliance Registration



Product: CIP V 6.8d with AIP imagery

Sponsor: USAF CIP Program Office

Developer: Northrop Grumman Corporation

Date: 07 July 2008

Expiration: 08 July 2010

Registration #: 1029

- ☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

☒ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

NITFS Features Implemented:

Format

- NITF**
☒ V2.1
☐ V2.0
☐ V1.1

- NSIF**
☒ V1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☐ NODISPLAY
☐ POLAR

Image Compression

- ☒ Not Compressed
☒ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☐ JPEG 2000
☐ Bi-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Data Extension Segments

- ☒ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☐ - ASDE
☒ - ICHIPB
☒ - MTXFIL

Complexity Level						
NITF 2.1 CLEVEL						
	3	5	6	7		
Interpret						
Generate						
NITF 2.0 CLEVEL						
	1	2	3	4	5	6 Oth
Interpret						
Generate						

Configurations Tested:

- 2 Servers (A&B); Compaq ES45, 1250 MHz*4CPUs and Tru64 UNIX@V5.1B

- Legend
Interpret Generate
☒ ☒ Fully implemented/supported
☒ ☒ Partially implemented/supported
☐ ☐ Not implemented/supported

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

Curtis L. Green

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